

LCR F9200

Extended Temperature Range Dual Stage Single Phase Filters



Features

Extended temperature range for 80° C ambient, high performance, dual stage power line filters for dynamic and high ambient environments.

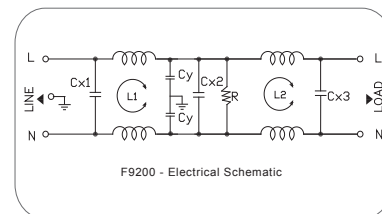
Typical Applications

Applications at high ambient environments or with limited temperature rise requirements such as RTCA/DO-160, MIL-STD-461 and other military/rugged industrial applications.

Specifications

Rated Voltage Max. (V)	250 VAC Max.
Rated Current (A)	5-35 A @ 80° C
Operating Frequency (Hz)	50/60 Hz
Hipot Rating	
Line to Line	1450 VDC
Line to Ground	2250 VDC
Case	Plated Steel
Packaging Quantity	Custom Design

Electrical Schematic



Leakage Current	
@ 250 VAC 50 Hz	0.89 mA Max.
@ 115 VAC 60 Hz	0.49 mA Max.
Operating Temp	- 40 to 100° C
IP Class	IP 65
Climatic Category (EN-60068-1)	25/100/21

Model No.	Rated Current (A) @ 80° C	L / N Termination/ Terminals L/N	Ground Termination/ Terminals	L (mH)	Core	Mechanical Diagram
F9200.00511.00	5.0	M4/8-32	M4/8-32	6.1	T25x15x10C	A
F9200.01011.00	10.0	M4/8-32	M4/8-32	7.2	T36x23x15C	A
F9200.02011.00	20.0	M4/8-32	M4/8-32	0.9	T38x19x13C	B
F9200.03011.00	30.0	M6/1/4-20	M6/1/4-20	0.6	T38x19x13C	B
F9200.03511.00	35.0	M6/1/4-20	M6/1/4-20	0.6	T38x19x13C	B

Specifications are subject to change. Consult factory to verify specifications.

For products of LCR-INC: (800) 527-4362 / For RADIUS & FILTER CONCEPTS: (714) 289-0055

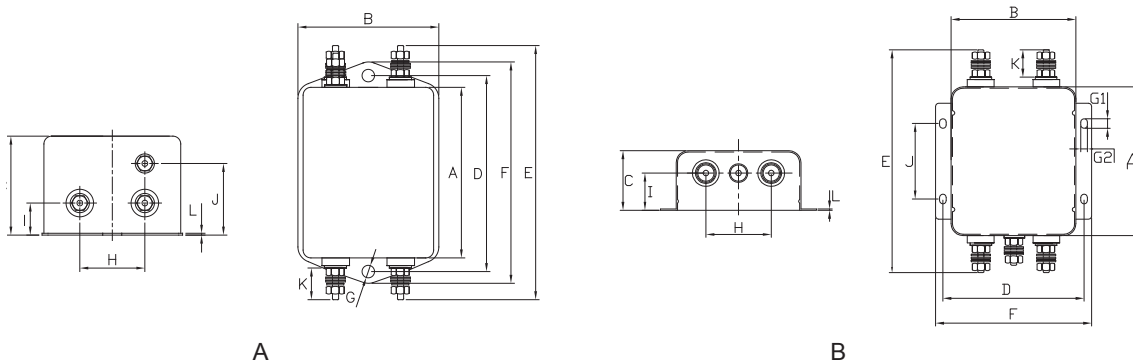
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SINGLE PHASE FILTERS



LCR F9200 Mechanical Outlines

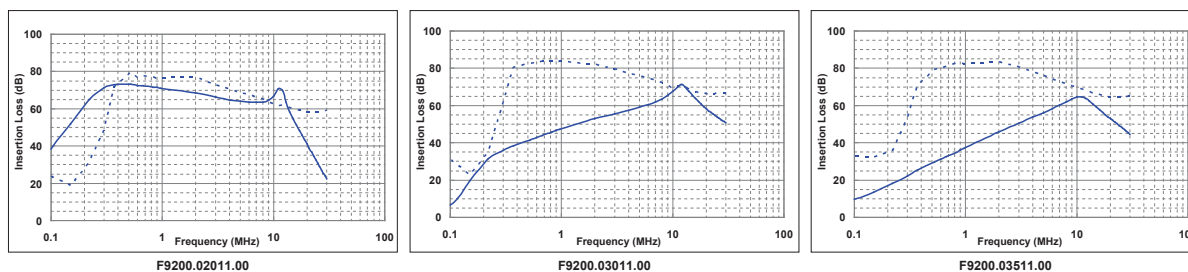
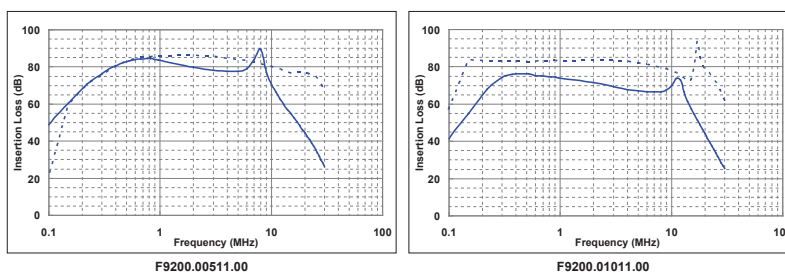


LCR F9200 Mechanical Dimensions (mm)

Model No.	A	B	C	D	E	F	G	H	I	J	K
F9200.00511.00	62.5	52.0	38.0	75.0	87.5	85.0	4.8	25.0	12.3	27.5	8.5
F9200.01011.00	92.5	58.0	41.0	105.0	117.5	115.0	5.0*6.8	30.0	13.0	29.0	8.5
F9200.02011.00	100.0	84.0	57.0	95.0	150.6	105.0	4.5*6.5	44.0	37.0	50.8	20.5
F9200.03011.00	100.0	84.0	57.0	95.0	150.6	105.0	4.5*6.5	44.0	37.0	50.8	20.5
F9200.03511.00	100.0	84.0	57.0	95.0	150.6	105.0	4.5*6.5	44.0	37.0	50.8	20.5

LCR F9200 Insertion Loss in dB Measured in a 50 Ω System

— Common Mode
 - - - Differential Mode



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